

Weekly Metrics for January 25 - 31, 2004

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest Archive	GES DAAC	0.9	1x Baseline	5.8	A
			GES DAAC	0.9	1x Baseline	5.8	A
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	15	V
		L1 Prod	NSIDC	115	1x Baseline	0	V
		L2-3 Prod	NSIDC	43	1x Baseline	0	V
		Archive	NSIDC	199		15	V
		Distribution	NSIDC				
		End Users		166	Various	6	
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	137	
		L1 Prod	GES DAAC	807	Various	677	T
		L2 - 3 Prod	GES DAAC	107	2.03x Baseline	107	T
		Archive	GES DAAC	1,012	Various	921	T
		Distribution	GES DAAC				
		Production				286	
	AMSR-E	L0 Ingest	NSIDC	10	1x Baseline	6	B
		L1 Ingest	NSIDC	9	Various	8	B
		L2-L3 Prod	GHRC	38	2.03x Baseline	16	C
		Archive	NSIDC	67	Baseline	29	C
		Distribution	NSIDC				
		Production				6	
	CERES	End Users		35	1.015x Baseline	17	G
		Data Pool				62	U
		Archive	ASDC	169	Various	Included In Terra CERES	See Footnote R
		Distribution	ASDC	1,421	IT Requirements		
	MODIS	Testing/QA		109	1.015x Baseline		
		End Users					
		L0 Ingest	GES DAAC	518	1x Baseline	487	
		L1 Prod	GES DAAC	5,047	Various	5,394	
		L2-L4 Prod	MODAPS	6,395	2.03x Baseline	10,502	H
		Archive	LP DAAC	3,516	Various	8,361	H
			GES DAAC	8,015	Various	7,426	H
			NSIDC	426	Various	596	H
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	0	
METEOR 3M (12/01)	SAGE III	End User		2,345	1.015x Baseline	205	G
		Data Pool				0	
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	1,037	
ACRIMSAT (12/99)	ACRIM 3	To MODAPS/LaRC				7,986	
		End Users		4,157	1.015x Baseline	247	G
		Data Pool				712	U
		Distribution	NSIDC				
		End User		284	1.015x Baseline	0	G
		Data Pool				0	U
		Archive	ASDC	0.9	Various	0.1	D
		Distribution	ASDC				
		Production				0.1	
		End Users		0.02	1.015x Baseline	0.3	
		Archive	ASDC	1	1x Baseline	0	D

Terra (12/99)	ASTER	L1A Ingest L1B Ingest L1B Archive L2-L3 Prod Archive Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	LP DAAC LP DAAC LP DAAC LP DAAC LP DAAC LP DAAC	680 271 271 1,221 2,173	1x Baseline 1.015x Baseline 1.015x Baseline 3.045x Baseline Various	669 197 451 178 1,299	E E E E E
				1,221	1.015x Baseline	394 483 1	G, N
	CERES	Archive Distribution <i>Testing/QA</i> <i>End Users</i>	ASDC ASDC	357 1,421 119	Various IT Requirements 1.015x Baseline		R G, N
	MISR	L0 Ingest L1 Prod L2-L3 Prod Archive Distribution <i>Testing/QA</i> <i>Production</i> <i>End Users</i> <i>Data Pool</i>	ASDC ASDC ASDC ASDC ASDC	249 3,359 285 3,894 137 1,215	1x Baseline Various 3.045x Baseline Various IT Requirements 1.015x Baseline	251 716 4 971 111 269 464 3	F F F G, N U
	MODIS	L0 Ingest L1 Prod L2-L4 Prod Archive Distribution <i>Testing/QA</i> <i>End Users</i> <i>Data Pool</i> Distribution <i>Testing/QA</i> <i>To MODAPS/LaRC</i> <i>End users</i> <i>Data Pool</i> Distribution <i>End Users</i> <i>Data Pool</i>	GES DAAC GES DAAC MODAPS LP DAAC GES DAAC NSIDC LP DAAC GES DAAC NSIDC	518 7,570 12,789 7,034 12,990 853 23 2,345 362 4,157 284	1x Baseline Various 3.045x Baseline Various (L2-L4) Various (L0-L4) Various (L2-L3) IT Requirements 1.015x Baseline IT Requirements 1.015x Baseline 1.015x Baseline	518 2,521 3,137 2,047 4,053 80 0 5,189 0.4 464 2,674 1,782 176 25 0.1	M H, M, P H, M, P H, M, P H, M, P G, N U G, N U G, N U
	MOPITT	L0 Ingest L1 Prod L2 Prod Archive Distribution <i>Production</i> <i>End Users</i> <i>Data Pool</i>	ASDC SIPS SIPS ASDC ASDC	2 2 2 6 1	1x Baseline Various 3.045x Baseline Various 1.015x Baseline	2 0 0 2 2 2 0.1	I I G, N U
	Landsat-7 (4/99)	ETM+	LP DAAC LP DAAC	1,092 58	250 Scenes ECS ICD	846 80	Q
	ADEOS-II (12/02)	SeaWinds	Archive (L0+) Distribution	PO DAAC PO DAAC		0 1	O
	Jason-1 (12/01)	Poseidon 2	Archive (L0+) Distribution	PO DAAC PO DAAC	NA NA	14 12	J
	QuikScat (6/99)	SeaWinds	Archive (L0+) Distribution	PO DAAC PO DAAC	109 Weekly Average	40 73	J
	TOPEX (8/92)	Poseidon	Archive (L1+) Distribution	PO DAAC PO DAAC	24 Weekly Average	0 7	J

Other Missions	Various Instruments	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	27 37	K
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Notes:

- A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet. Level 0 volume includes 69 data dates from 2003 (1/26-4/30), 5 data dates from 2004 (1/21-25), and 0.25 GB of test data.
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirements is in process.
- C. Production of L2 and L3 products resumed on September 3, 2003. The reported volume includes back filling of the first year's data.
- D. Data from this instrument is not transmitted to DAAC daily.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
- F. Little processing was done. MISR had some issues involving a bad ancillary radiometric product (ARP) data set that affected the generation of Level 1B and 2/3 products
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- H. Ingest/archival of MODIS L2+ products is dependent on MODAPS processing schedule.
- I. Did not receive any L1 or L2 products from MOPITT SIPS.
- J. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- K. Includes distribution of educational materials.
- L. The requirements for this instrument include reprocessing, but no reprocessing has started yet.
- M. Very little reprocessing of MODIS products was done.
- N. Does not include distribution by data pool.
- O. Currently distribution of ADEOS-II data is limited to the instrument team members for calibration/validation purposes.
- P. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- Q. Landsat-7 scan line corrector (SLC) failed on May 31, 2003 and subsequently Landsat-7 ETM+ was shut down. In mid July US stations resumed data collection with the SLC off. The Landsat 7 ETM+ data became available to the public as of October 22, 2003.
- R. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
- S. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
- T. Includes the reprocessed data for January and May 2003.
- U. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
- V. GLAS Laser remains off since November 19, 2003.

** Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:*

Processing Level	1 st year after launch	2 nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.